



72 tests / hour of
double chambers



Compact and
minimized size



2 reagents system
(Diluent & Lyse)



RFID reagent close
system optional

22 parameters with P-LCC, P-LCR and RBC, WBC, PLT histograms

Throughput up to 72 tests per hour with double chamber design

Impedance method for WBC, RBC and PLT

Photoelectric colorimetry method for HGB with cyanide free reagent

Micro sample volume at 8.5 μ L for whole blood mode and 20 μ L for pre-dilute mode

On board storage capacity of 1,000,000 samples results

RFID reagent close system optional

Four kinds of QC modes: L-J, X, X-R and X-B

Support USB data backup & system upgrade

Built-in thermal printer

LIS and HIS available with HL7 protocol



BEACON GROUP



+91-8488995888

+91-8488994888 | +91-8488993888



beacontact@beaconindia.com

Technical Specifications

Principles	WBC/RBC/PLT: electrical impedance HGB: photoelectric colorimetry	
Parameters	WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW-SD, PDW-CV, PCT, P-LCR, P-LCC 3-part differentiation of WBC, 22 parameters and 3 histograms	
Aspiration volume	Whole blood 8.5 µL, pre-diluted 20 µL	
Aperture diameter	WBC 100 µm, RBC/PLT 68 µm	
Throughput	72 T/H	
Data storage	Up to 1,000,000 sample results with histograms	
Alarms	Error messages	
Dilution ratio	Whole blood	Capillary blood
	WBC/HGB	1:232 1:400
	RBC/PLT	1:40000 1:45000
Display	10.4-inch color LCD, resolution 800 x 600, touch screen	
Control and calibration	L-J, X, X-R, X-B four control modes, manual and auto-calibration	
Input/output	Support RS232, 6 USB (mouse, keyboard, HP printer, barcode reader and flash disk), Internal 57mm thermal printer	
Power Requirement	AC 100-240V, 50/60Hz, 180VA Online UPS : 1 KVA, Online UPS with isolated transformer	
Dimensions	380(L) x 305(W) x 395(H) mm ; about 18Kg	